Title (en)
ONE SHOT RDMA HAVING A 2-BIT STATE

Title (de)
ONE-SHOT-RDMA MIT EINEM 2-BIT-ZUSTAND

Title (fr)
ACCES DIRECT EN MEMOIRE DISTANT (RDMA) DE TYPE UNIQUE A ETAT DEUX BITS

Publication
EP 1543658 A4 20060111 (EN)

Application
EP 03751857 A 20030814

Priority
• US 0325543 W 20030814
• US 40381702 P 20020814

Abstract (en)
[origin: US2004034725A1] A system and method for managing memory resources in a system that allows remote direct access of memory. An aspect of the invention provides for automatically un-binding bound direct-access memory resources based on information received in messages from a remote source. The information may, for example, include a last-segment indicator to indicate that the message segment is the last expected message segment for a message. Another aspect of the invention provides for memory management of directly-accessible sections of memory by assigning a flag to indicate when the section of memory has special access restrictions, such as a set number of allowable accesses. Yet another aspect of the invention provides for a flag to represent when the access restrictions associated with a particular section of memory have been met.

IPC 1-7
H04L 29/08

IPC 8 full level
G06F 13/28 (2006.01); H04L 29/08 (2006.01)

CPC (source: EP US)
G06F 13/28 (2013.01 - EP US); H04L 67/1097 (2013.01 - EP US)

Citation (search report)
• [X] EP 0887735 A2 19981230 - SONY CORP [JP]
• [X] US 6163834 A 20001219 - GARCIA DAVID J [US], et al
• See references of WO 2004017173A2

Designated contracting state (EPC)
DE FR GB PT

DOCDB simple family (publication)
US 2004034725 A1 20040219; US 7398300 B2 20080708; DE 60316969 D1 20071129; DE 60316969 T2 20080731; EP 1543658 A2 20050622; EP 1543658 A4 20060111; EP 1543658 B1 20071017; WO 2004017173 A2 20040226; WO 2004017173 A3 20040527

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